09624963 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 09624963 on November 13, 2003

Original Classifications 6 434/317 358/1.9 4 358/1.16 3 347/82 2 101/467 2 156/64 2 347/108 2 347/2 2 347/217 2 347/55 2 349/139 2 356/402 2 358/3.26 2 382/186 399/58 Cross-Reference Classifications 6 434/308 3 345/901 3 358/1.13 3 358/1.15 3 358/518 3 382/189 3 434/178 2 101/478 2 156/277 2 250/226 2 347/104 2 347/44 2 347/86 2 358/1.11 2 358/1.17 2 358/1.2 2 358/1.9 2 358/2.1 2 358/3.23 2 358/443 2 358/448 2 358/462 2 358/468 2 358/502 2 358/523

2 358/524

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2 358/534 2 358/538 2 382/181 2 382/187 2 382/202 2 382/225 2 399/27 2 399/49 2 430/120 2 430/5 2 434/309 2 715/525 Combined Classifications 7 358/1.9 6 434/308 6 434/317 5 358/1.16 4 358/1.15 3 345/901 3 347/108 3 3 347/2 347/82 3 358/1.11 3 358/1.13 3 358/1.2 3 358/448 3 358/462 3 358/518 3 382/187 3 382/189 3 434/178 2 101/467 2 101/478 2 156/277 2 156/64 2 250/226 2 345/179 2 347/104 2 347/217 2 347/44 2 347/55 2 347/86

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349/139

356/402

358/2.1 358/3.06

358/1.17

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- 2 358/3.26
- 358/443
- 358/468
- 2 2 2 358/474
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- 358/502
- 358/523
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- 399/49
- 399/58
- 414/796.1
- 430/120
- 430/5
- 434/309
- 2 715/525

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09624963_LIST PLUS Search Results for S/N 09624963, Searched November 13, 2003

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09624963 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returne

From A Search of 09624963 on November 13, 2003

7 358/1.9 (5 OR, 2 XR)

Class 358: FACSIMILE AND STATIC PRESENTATION PROCESSING

358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)

358/1.9 .Attribute control

6 434/308 (0 OR, 6 XR)

Class 434: EDUCATION AND DEMONSTRATION

434/308 AUDIO RECORDING AND VISUAL MEANS

6 434/317 (6 OR, 0 XR)

Class 434 : EDUCATION AND DEMONSTRATION

434/308 AUDIO RECORDING AND VISUAL MEANS 434/317 .Visual information in book form

5 358/1.16 (4 OR, 1 XR)

Class 358: FACSIMILE AND STATIC PRESENTATION PROCESSING

358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)

358/1.16 .Memory

4 358/1.15 (1 OR, 3 XR)

Class 358: FACSIMILE AND STATIC PRESENTATION PROCESSING

358/1.1 STATIC PRESENTATION PROCESSING (E.G.,

PROCESSING DATA FOR PRINTER, ETC.)

358/1.15 .Communication

3 345/901 (0 OR, 3 XR)

Class 345: COMPUTER GRAPHICS PROCESSING, OPERATOR

INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

SYSTEMS

345/901 ELECTRONIC BOOK WITH DISPLAY

.3 347/108 (2 OR, 1 XR)

Class 347: INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

347/1 INK JET 347/108 .Housing

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3 347/2
               (2 OR, 1 XR)
               347 : INCREMENTAL PRINTING OF SYMBOLIC INFORMATION
       Class
       347/1
                  . INK JET
       347/2
                     .Combined
 347/82
               (3 OR, 0 XR)
       Class 347: INCREMENTAL PRINTING OF SYMBOLIC INFORMATION
       347/1
                     INK JET
       347/20
                     .Ejector mechanism (i.e., print head)
                     .. Continuous stream (includes dispersion)
       347/73
                     ...With stream deflection
       347/82
3 358/1.11
               (1 \text{ OR}, 2 \text{ XR})
               358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
       Class
                     STATIC PRESENTATION PROCESSING (E.G.,
       358/1.1
                         PROCESSING DATA FOR PRINTER, ETC.)
       358/1.11
                     .Character or font
3 358/1.13
               (0 \text{ OR}, 3 \text{ XR})
       Class
               358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
       358/1.1 STATIC PRESENTATION PROCESSING (E.G.,
                         PROCESSING DATA FOR PRINTER, ETC.)
       358/1.13
                     .Emulation or plural modes
3 358/1.2
                (1 OR, 2 XR)
               358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
       Class
       358/1.1
                     STATIC PRESENTATION PROCESSING (E.G.,
                         PROCESSING DATA FOR PRINTER, ETC.)
                     .Size, resolution, or scale control
       358/1.2
               (1 OR, 2 XR)
3 358/448
       Class 358: FACSIMILE AND STATIC PRESENTATION PROCESSING
        358/400
                    FACSIMILE
        358/443
                     .Specific signal processing circuitry
        358/448
                     .. Image processing
3 358/462
                (1 OR, 2 XR)
       Class
               358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
       358/400
                     FACSIMILE
        358/443
                     .Specific signal processing circuitry
                     .. Image processing
        358/448
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| | | | Page 3 |
|-----|-----------------------------|-----|---|
| | 156/1 156/60 | | MANUFACTURE METHODS .Surface bonding and/or assembly therefor |
| 2 | 156/277 Class | | OR, 2 XR) : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL |
| 2 | 101/478 Class 101/478 | | OR, 2 XR) : PRINTING ERASABLE PLATE |
| | 101/466 101/467 | | Ink receptive By use of radiant energy or heat |
| nts | per se 101/465 | | Making plate surface portions ink repellent or ink receptive |
| 2 | Class 101/130 | 101 | OR, 0 XR) : PRINTING PLANOGRAPHIC .Lithographic plate making, and processes of making or using copy elements, and eleme |
| | 434/178 | | sentence formationReading |
| 3 | 434/156 | 434 | : EDUCATION AND DEMONSTRATION LANGUAGE .Spelling, phonics, word recognition, or |
| | 382/189 | | With a display |
| 3 | | 382 | : IMAGE ANALYSIS PATTERN RECOGNITION |
| 3 | 382/181 | 382 | OR, 2 XR) : IMAGE ANALYSIS PATTERN RECOGNITION .On-line recognition of handwritten characters |
| | | | NATURAL COLOR FACSIMILE .Color correction |
| 3 | 358/518 Class | | OR, 3 XR) : FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/462 | | 09624963_CLSTITLESText and image detection and processing |

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| | 156/277 | | With printing |
|-----|---|-----------|--|
| 2 | | | : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL MANUFACTURE |
| | 156/1 156/60 156/64 | | METHODS .Surface bonding and/or assembly thereforWith measuring, testing, or inspecting |
| 2 | 250/226 Class 250/200 250/216 250/226 | 250 | OR, 2 XR) : RADIANT ENERGY PHOTOCELLS; CIRCUITS AND APPARATUS .Optical or pre-photocell systemColor (e.g., filter or spectroscope) |
| | | | OR, 1 XR) : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL |
| DIS | PLAY | | SYSTEMS |
| | 345/156 345/179 | | DISPLAY PERIPHERAL INTERFACE INPUT DEVICE .Stylus |
| 2 | 347/104 Class | | OR, 2 XR) : INCREMENTAL PRINTING OF SYMBOLIC INFORMATION |
| | 347/1 347/101 347/104 | | INK JET .Medium and processing meansPhysical handling |
| 2 | 347/217 Class | | OR, 0 XR) : INCREMENTAL PRINTING OF SYMBOLIC INFORMATION |
| | 347/171 347/217 | | THERMAL MARKING APPARATUS OR PROCESSES .With transfer medium or driving means therefo |
| r | | | |
| . 2 | 347/44 Class | | OR, 2 XR) : INCREMENTAL PRINTING OF SYMBOLIC INFORMATION |
| | 347/1 347/20 347/44 | | <pre>INK JET .Ejector mechanism (i.e., print head)Discharge means</pre> |
| 2 | 347/55 Class | (2 347 | |

| | 347/1 347/20 347/54 347/55 | <pre>09624963_CLSTITLES INK JET .Ejector mechanism (i.e., print head)Drop-on-demandWith electric field ejection (applied to fluid)</pre> |
|------|-------------------------------------|--|
| 2 | 347/86 (0 Class 347 | OR, 2 XR) : INCREMENTAL PRINTING OF SYMBOLIC INFORMATION |
| | 347/1 347/84 347/85 347/86 | <pre>INK JET .Fluid or fluid source handling meansFluid supply systemCartridge</pre> |
| 2 | | OR, 0 XR) : LIQUID CRYSTAL CELLS, ELEMENTS AND SYSTEMS PARTICULAR STRUCTURE .Having significant detail of cell structure only |
| | 349/139 | Electrode or bus detail (i.e., excluding supplemental capacitor and transistor elect |
| rode | s) | |
| 2 | | OR, 0 XR) : OPTICS: MEASURING AND TESTING BY SHADE OR COLOR |
| 2 | 358/1.17 (0 Class 358 | OR, 2 XR) : FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/1.1 | STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.) |
| | 358/1.16 358/1.17 | · |
| 2 | 358/2.1 (0 Class 358 | OR, 2 XR) : FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/1.1 | |
| | 358/1.9 358/2.1 | |
| pho | to, line, | edge, gray-level, color) |
| 2 | 358/3.06 (1 Class 358 | OR, 1 XR) : FACSIMILE AND STATIC PRESENTATION PROCESSING |

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| | 358/1.1 | STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.) |
|------|-------------------------------|---|
| | 358/1.9 358/3.01 | <pre>.Attribute controlMulti-level image reproduction (e.g., gray level reproduction)</pre> |
| | 358/3.06 | Halftoning (e.g., a pattern of print elements used to represent a gray level) |
| 2 | 358/3.23 (0 Class 358 | OR, 2 XR) : FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/1.1 | STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.) |
| | 358/1.9 358/3.01 | Multi-level image reproduction (e.g., gray level reproduction) |
| | 358/3.23 | Look-up table for image processing or print attribute data (e.g., threshold value, prin |
| t el | ement | |
| | | property) |
| 2 | 358/3.26 (2 Class 358 | OR, 0 XR) : FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/1.1 | STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.) |
| | 358/1.9 358/3.26 | .Attribute controlDistortion control in image reproduction(e.g., removing, reducing or preventing ima |
| ge a | rtifacts) | (c.g., removing, reducing of preventing ima |
| 2 | 358/443 (0 Class 358 | OR, 2 XR) : FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/400 358/443 | FACSIMILE .Specific signal processing circuitry |
| 2 | 358/468 (0 Class 358 | OR, 2 XR) : FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/400 358/443 358/468 | FACSIMILE .Specific signal processing circuitryFacsimile control unit |
| 2 | | OR, 1 XR) : FACSIMILE AND STATIC PRESENTATION PROCESSING |

| | 358/400 358/471 358/474 | | . I | 09624963_CLSTITLES ACSIMILE Picture signal generator Scanning |
|---|-------------------------------|---|-----|---|
| 2 | 358/501 Class | | | 1 XR) FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/500 358/501 | | | ATURAL COLOR FACSIMILE Image reproduction |
| 2 | 358/502 Class | | | 2 XR) FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/500 358/501 358/502 | | .] | ATURAL COLOR FACSIMILE Image reproduction .Ink-Jet |
| 2 | 358/523 Class | | | 2 XR) FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/500 358/518 358/523 | | . (| ATURAL COLOR FACSIMILE Color correction .With memory for storage of conversion data |
| 2 | 358/524 Class | | | 2 XR) FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/500 358/524 | | | ATURAL COLOR FACSIMILE Intermediate storage |
| 2 | 358/534 Class | • | • | 2 XR) FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/500 358/530 358/534 | | . 9 | ATURAL COLOR FACSIMILE Specific image-processing circuitry .Halftone processing |
| 2 | 358/538 Class | | | 2 XR) FACSIMILE AND STATIC PRESENTATION PROCESSING |
| | 358/500 358/530 358/538 | | | ATURAL COLOR FACSIMILE Specific image-processing circuitry Image portion selection |
| | | | | |

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2 382/181 (0 OR, 2 XR) Class 382 : IMAGE ANALYSIS

382/181 PATTERN RECOGNITION

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2 382/186
              (2 OR, 0 XR)
       Class 382 : IMAGE ANALYSIS
       382/181
                   PATTERN RECOGNITION
       382/186
                   .Unconstrained handwriting (e.g., cursive)
2 382/202
               (0 OR, 2 XR)
       Class
              382 : IMAGE ANALYSIS
                    PATTERN RECOGNITION
       382/181
                   .Feature extraction
       382/190
                   ..Local or regional features
       382/195
                    ...Linear stroke analysis (e.g., limited to
       382/202
                       straight lines)
2 382/225
              (0 OR, 2 XR)
       Class 382 : IMAGE ANALYSIS
       382/181
                   PATTERN RECOGNITION
                   .Classification
       382/224
       382/225
                   ..Cluster analysis
              (1 OR, 1 XR)
 382/237
       Class 382 : IMAGE ANALYSIS
                   IMAGE COMPRESSION OR CODING
       382/232
       382/237
                   .Gray level to binary coding
 382/239
              (1 OR, 1 XR)
       Class 382: IMAGE ANALYSIS
       382/232
                    IMAGE COMPRESSION OR CODING
                   .Adaptive coding (i.e., changes based upon
       382/239
                       history, activity, busyness, etc.)
  399/27
              (0 OR, 2 XR)
       Class 399: ELECTROPHOTOGRAPHY
       399/9
                   DIAGNOSTICS
                   .Consumable
       399/24
       399/27
                    ..Toner
2 399/49
              (0 OR, 2 XR)
       Class 399: ELECTROPHOTOGRAPHY
       399/38
                    CONTROL OF ELECTROPHOTOGRAPHY PROCESS
                    Of plural processes
       399/46
                    .. Having detection of toner (e.g., patch)
       399/49
2 399/58
               (2 OR, 0 XR)
       Class
              399 : ELECTROPHOTOGRAPHY
       399/38
                   CONTROL OF ELECTROPHOTOGRAPHY PROCESS
                   .Control of developing
       399/53
                    .. Concentration control
       399/58
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| | | 09624963 CLSTITLES |
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| 2 | 414/796.1 (| OR, 1 XR) |
| | | : MATERIAL OR ARTICLE HANDLING APPARATUS FOR MOVING INTERSUPPORTING ARTICLES |
| | | INTO, WITHIN, OR FROM FREESTANDING, ORDE |
| RLY | LAYERED, OR | MUTUALLY STABILIZING ORDERLY GROUP |
| | 414/795.4 | |
| | 414/796 | Separates stack into smaller stacks |
| | 414/796.1 | Removes smaller stack from bottom |
| 2 | 430/120 (| OR, 2 XR) |
| | Class 43 | RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF |
| | 430/31 | ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY |
| , | | ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCE |
| SS, | COMPOSITION, | EBECINOGRAFIII, MAGNETOGRAFIII, BIC., INOCE |
| | 420/07 | OR PRODUCT |
| g | 430/97 | .Post imaging process, finishing, or perfectin |
| 9 | 420 /120 | composition or product |
| | 430/120 | Dry powder developing |
| 2 | | |
| | Class 43 | RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF |
| | 430/4 | RADIATION MODIFYING PRODUCT OR PROCESS OF |
| | 430/5 | MAKING .Radiation mask |
| | 20070 | · nadiation mass |
| 2 | 434/309 (| |
| | | : EDUCATION AND DEMONSTRATION AUDIO RECORDING AND VISUAL MEANS |
| | 434/309 | .Common carrier for visual means and audio |
| | | recording |
| 2 | 715/525 (| OR, 2 XR) |
| | Class 71 | DATA PROCESSING: PRESENTATION PROCESSING OF |
| | 715/517 | DOCUMENT LAYOUT |
| | 715/525 | .Pagination |
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| 5623585 | 67 |
| 5675719 5937147 | 67 67 |
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| 5963968 | 58 50 |
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| 5970455 | 58 50 |
| 5984446 | 58 58 |
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| 6057930 | 58 |
| 6062676 | 58 |
| 6067406 | 58 |
| 6068716 | 58 |
| 6076734 | 58 |

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| 6102505 | 58 |
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| 6123410 | 58 |
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| 6160971 | 58 |

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above 1
abrupt 1
abstract 1
accidentally 3
accompanying 1
accordance 4
according 5
accurate 1
actions 1
activated 1
added 1
addition 1
advantages 1
after 1
alignment 2
all 2
allows 1
also 3
an 5
and 36
anwor 1
any 3
app 1
apparatus 3
apparent 1
application 2
applications 1
apply 1
appropriate 1
approval 2
april 1
arc 1
are 8
area 1
art 1
as 9
aspect 3
assigning 1
associated 3
assume 2
assumption 1
asynchrony 1
at 9
automated 1
automatic 6
automatically 3
back 1
backward 3
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based 2 be 21 become 1 begin 1 being 1 between 6 blank 2 block 1 bottom 6 break 4 breaks 10 brief 1 broad 1 button 3 buttons 2 by 12 called 1 can 2 carbon 1 cases 1 certain 1 change 3 changing 1 claims 1 closely 1 cntena 1 collected 1 combined 2 company 1 complex 1 compounded 1 comprises 1 computer 1 concern 1 confusing 1 connection 1 constrained 4 convenience 1 converted 1 copy 2 correct 1 corrections 1 correspond 1 correspondence 4 corresponding 4 cross 1 crosspad 1 culture 1

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cut 2
data 15
degree 1
delta 2
desciiption 1
described 2
described 2
description 5
descriptions 1
detailed 1
detect 2
detecting 1
detection 3
detectionyor 2
determine 2
device 5
diagram 6
difficult 1
digiial 1
digital 2
digitizer 1
disclosure 2
do 3
document 9
down 1
drawin 1
drawings 1
duplicated 1
each 4
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effect 1
either 2
electronic 23
electronically 1
eliminates 1
embodiment 5
embodiments 1
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events 5
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fashion 1
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field 3
fig 6
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flow 5
following 4
for 20
forgets 1
form 1
format 1
forward 3
forwardfbackward 1
from 7
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generated 2
generates 2
generation 1
handle 1
handwnting 1
handwntten 1
handwriting 2
handwritten 2
has 2
herein 3
horizontal 1
however 4
human 4
hypothesized 2
ibm 1
identified 3
identifying 1
if 1
illustrating 6
illustrative 1
in 36
include 1
incorporated 1
information 4
inforniabon 1
ink 23
insert 2
insertion 5
intervention 1
invention 18
is 23
isa 1
it 3
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its 1
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jumps 1
large 2
later 2
leading 1
least 4
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lefi 1
lhcse 1
likc 1
like 1
line 2
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location 3
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maintain 2
make 1
makes 1
manipulations 1
manner 1
many 1
marketed 1
matches 1
may 19
medial 1
merged 1
method 7
methodologies 3
methods 12
middle 1
minor 1
mixture 2
modified 1
more 6
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need 3
needed 2
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neural 1
new 4
next 1
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no 1
normally 1
not 8
note 1
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objects 1
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occurs 1
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off 2
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omitted 1
on 15
one 12
onginat 1
onloff 1
only 2
optimally 1
or 17
order 1
ordinary 1
original 1
other 6
ourselves 1
out 1
overcome 1
overlap 1
overview 1
overwritten 1
pace 1
page 1
page 41
pages 5
paper 5
particular 2
particularly 1
patent 1
pc 1
pdn 5
pen 3
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perform 1
performed 1
persona 1
personal 3
physical 6
picture 1
point 3
portion 1
position 5
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potential 1
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priority 1
problem 2
problems 1
processed 2
processing 2
produce 2
progresses 1
providing 2
provisional 1
purpose 1
purposes 1
ranked 4
raster 1
read 2
real 2
realized 1
record 2
recorded 3
recording 1
reduce 1
reduces 1
reference 1
regard 1
region 1
regions 1
relates 1
rendered 1
required 1
resolution 1
respectively 1
resultant 1
round 1
sconng 2
score 2
scores 2
scoring 8
second 1
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sent 1
sequence 1
serial 1
set 2
sevcral 1
several 1
should 1
signal 1
simultaneously 1
since 1
single 1
skill 1
so 1
some 1
space 1
spatial 2
special 1
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standard 1
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stored 1
stream 2
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substantially 1
such 7
sufficient 1
summary 1
synchrony 1
system 4
temporal 2
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their 2
then 4
there 1
therefore 1
thereof 1
these 5
they 5
thinkscnbe 1
third 3
this 8
those 1
three 1
threshold 2
thresholds 2
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thus 2
time 5
times 2
timestamp 2
tip 1
tnplets 1
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too 1
top 8
triplets 3
trivially 1
turn 1
two 4
typical 1
typically 1
understood 3
uploaded 1
use 1
used 7
useful 1
user 2
using 3
value 1
values 1
vanety 2
venfication 1
verification 3
vertical 3
viewed 1.
ways 1
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were 1
when 4
whether 2
which 7
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with 10
within 1
without 2
wnte 1
wnter 1
wnters 2
wntes 1
wnting 3
wntten 1
wnung 1
work 2
write 1
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writer 7
writers 2
writes 1
writing 2
wrong 1
yor 3